

Please type a plus sign (+) inside this box



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|---|--|------------------------|--|
| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. | 3364P118 |
| | | First Inventor | Taehyun Jeon, et al. |
| | | Title | Method and Device for Tracking Carrier Frequency Offset and Sampling |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | Express Mail Label No. | EV339906672US |

| |
|---|
| APPLICATION ELEMENTS |
| See MPEP chapter 600 concerning utility patent application contents |

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) *[Total Sheets 3]*
5. Oath or Declaration (signed) *[Total Pages 3]*
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____

Prior application Information: Examiner _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

| | | | |
|--|-----------|---|---|
| <input checked="" type="checkbox"/> CustomerNumberBarcodeLabel | |  *08791* | <input type="checkbox"/> Correspondence address below |
| Name | | | |
| Address | | | |
| City | State | Zip Code | |
| Country | Telephone | (310) 207-3800 | Fax (310) 820-5988 |

| | | | |
|-------------------|-------------------------|-----------------------------------|--------|
| Name (Print/Type) | Eric S. Hyman | Registration No. (Attorney/Agent) | 30,139 |
| Signature | [Handwritten Signature] | | |
| | Date | 7/9/03 | |

21904 U.S. PTO
10/616588



14202 U.S. PTO
07/09/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 415.00)

Complete if Known

| | |
|----------------------|--------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Taehyun Jeon |
| Examiner Name | |
| Group/Art Unit | |
| Attorney Docket No. | 3364P118 |

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | FeePaid |
|--------------|----------|--------------|----------|------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1001 | 750 | 2001 | 375 | Utility filing fee |
| 1002 | 330 | 2002 | 165 | Design filing fee |
| 1003 | 520 | 2003 | 260 | Plant filing fee |
| 1004 | 750 | 2004 | 375 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |
| SUBTOTAL (1) | | (\$ 375.00) | | |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | FeePaid |
|--------------|--------------|----------------------|---------|
| 11 | 20* | = 0 X 9.00 = \$0.00 | |
| 3 | 3** | = 0 X 42.00 = \$0.00 | |

Multiple Dependent

| Large Entity | | Small Entity | | Fee Description |
|--------------|----------|--------------|----------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple Dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | (\$ 0.00) | | |

**or number previously paid, if greater. For Reissues, see below

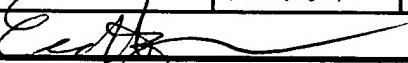
3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | FeePaid |
|---------------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet |
| 2053 | 130 | 2053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination |
| 1804 | 920 * | 1804 | 920 * Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840 * | 1805 | 1,840 * Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 410 | 2252 | 205 Extension for reply within second month |
| 1253 | 930 | 2253 | 465 Extension for reply within third month |
| 1254 | 1,450 | 2254 | 725 Extension for reply within fourth month |
| 1255 | 1,970 | 2255 | 985 Extension for reply within fifth month |
| 1404 | 320 | 2401 | 160 Notice of Appeal |
| 1402 | 320 | 2402 | 160 Filing a brief in support of an appeal |
| 1403 | 280 | 2403 | 140 Request for oral hearing |
| 1451 | 1,510 | 2451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable |
| 1453 | 1,300 | 2453 | 650 Petition to revive - unintentional |
| 1501 | 1,300 | 2501 | 650 Utility issue fee (or reissue) |
| 1502 | 470 | 2502 | 235 Design issue fee |
| 1503 | 630 | 2503 | 315 Plant issue fee |
| 1460 | 130 | 2460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Prosessing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 750 | 1809 | 375 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 750 | 2810 | 375 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 750 | 2801 | 375 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |
| 40.00 | | | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

Complete (if applicable)

| | | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|----------------|--------|
| Name (Print/Type) | Eric S. Hyman | Registration No. (Attorney/Agent) | 30,139 | Telephone | (310) 207-3800 | |
| Signature |  | | | | Date | 7/9/03 |

Our Docket No.: 3364P118
Express Mail No.: EV339906672US

UTILITY APPLICATION FOR UNITED STATES PATENT
FOR

Method and Device for Tracking Carrier Frequency Offset and Sampling Frequency Offset In Orthogonal Frequency Division Multiplexing
Wireless Communication System

Inventor(s):
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Jae-Young Ahn

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